

### Portable One-Stop

The Alabama Department of Industrial Relations intends to acquire ten (10) portable computer labs for use as a "Portable One-Stop". These "Portable One-Stop" systems will be assigned one to each workforce planning area for use in rapid response activities, disasters, and for other activities where access to the Internet is desirable. Multiple units may be brought to a single place as needed to provide up to 100 access points simultaneously.

The "Portable One-Stop" system will consist of:

1. One Hundred (100) laptop personal computers with at least the following minimums:
  - a. Rugged 15.4" Wide WXGA, Intel 1.7 CORE 2 DUO CPU, 1024MB RAM, 120GB HDD, DVD/CD-RW Combo, Lithium-Ion Battery Pack, 3 Year Warranty, Windows XP-PRO, IEEE 802.11g wireless, Ethernet 10/100 NIC.
  - b. Minimum specifications:
    - i. Rugged, Magnesium Alloy.
    - ii. Anti-shock mounted LCD and hard drive.
    - iii. Spill and sand resistant keyboard, touchpad and switches.
    - iv. Reinforced hinges and locking media drive.
    - v. Rubberized corners and both top and bottom.
    - vi. MIL STD 810F
      1. Vibration: Method 514.4 Procedure I, Category 10, Fig 16&17 / ASTM 4169, Truck Transport, 11.5.2 Random Test, Assurance Level II
      2. Drops: Method 516.4 Procedure IV, Height Modified, 26 drops from 3 feet onto plywood over concrete with unit off and display closed.
    - vii. Intel® Centrino™ Core Duo™ compliant platform.
    - viii. Quick-Swap Lithium-Ion Battery System with calibration.
2. One Hundred (100) additional Lithium-Ion Battery Packs for above laptop personal computers.
3. Ten (10) Express - Rugged Base Model Carrier Mobile Laptop Carrier – to accommodate ten (10) of the above laptop personal computers each; with laptop charging for all ten (10) laptops as well as simultaneously charging ten (10) additional Lithium-Ion Battery Packs, and integrated IEEE 802.11b/g Wireless Networking.
  - a. Minimum specifications:
    - i. Heavy-Duty hinges and Double-Throw latches with stainless steel reinforced padlock protectors.
    - ii. Large 2-person fold down handles, retractable extension handle, and four polyurethane wheels with stainless steel bearings.
    - iii. Each system must be capable of operating from a single, standard 115 Volt/20 Amp wall outlet, power generator or solar power.
    - iv. Dust/Sand Proof - IP66 Rating
    - v. Watertight with Automatic Pressure Equalization Valve
    - vi. Extreme Weather Rated (-10° F / 210° F)
    - vii. Case Military Spec-4150Jy
    - viii. Airline Safe ATA 300
    - ix. Safety Specification: UL 1012, TUV EN60950, IEC950 & UL1950 Pending
    - x. EMC Specification: CISPR22 (EN55022) Class B; IEC801-1,2,3,4; IEC 555-2 Pending
4. The ten (10) IEEE 802.11b/g Wireless Networking Access Points in the above case are to allow for up to one hundred 100 simultaneous laptop personal computer connections, using a minimum 14 character Wi-Fi Protected Access (WPA2) encryption key, along with Extensible Authentication Protocol (EAP). These Wireless Networking Access Points are to connect to a single Ethernet connection, sharing this connection with up to one hundred (100).
  - a. Minimum specifications:
    - i. International IEEE 802.11b/g wireless routing
    - ii. Allow for transparent bridging & accessibility to existing wired Ethernet networks
    - iii. Protocol-Independent network functionality
    - iv. FCC/CE/ETS Approved